

ABSTRACT

ROM 12 of data processing system 1 stores identification data ID. Receiving part 15 receives identification data ID transmitted by discrete operating device 2 in the possession of an authorized user. CPU 10, on the basis of received identification data ID, determines continuously whether the authorized user holding the discrete operating device 2 remains within close range of data processing system 1. While authenticating a user on the basis of the determination result, CPU 10 carries out data processing instigated by an operation of the user holding the discrete operating device 2. Accordingly, it is possible to simply and reliably prevent unauthorized use of a data processing system.